

NATIONAL 5 APPLICATIONS

NUMERACY

You should use this help sheet during revision to ensure that you have covered all aspects of the course.

All aspects should have been revised before your assessment and the dates written in the column.

Remember, if you are stuck then you must come and see a teacher at lunchtime for help.

I can...	Helpful page numbers and notes	Dates Attempted	
Add, subtract, multiply, divide decimals	<ul style="list-style-type: none"> Notes P10, 11 http://www.bbc.co.uk/education/guides/z97bkqt/revision/1 http://www.bbc.co.uk/education/guides/zk2g87h/revision http://www.bbc.co.uk/education/guides/z8mrd2p/revision http://www.math-drills.com/decimal/decaddsubhundredths_001.pdf http://www.math-drills.com/decimal/decaddsubtenthousandths_001.pdf http://www.math-drills.com/decimal/decimals_division_various_by_whole_all.pdf 		
Multiply and divide by multiples of 10, 100, 1000	<ul style="list-style-type: none"> Notes P11 http://www.greatmathsteachingideas.com/wp-content/uploads/2012/02/Multiplying-and-dividing-by-10-100-and-1000.pdf http://www.worksheetworks.com/pdf/425/1148a7a117788/WorksheetWorks_Math_Facts_Multiplication_1.pdf 		
Round to decimal places	<ul style="list-style-type: none"> http://www.bbc.co.uk/education/guides/zw64jxs/revision/2 http://www.math-salamanders.com/image-files/rounding-decimal-places-to-2dp-1.gif http://studymaths.co.uk/workout.php?workoutID=61 		
Round to significant figures	<ul style="list-style-type: none"> Notes P12 http://www.bbc.co.uk/education/guides/zjt9q6f/revision http://studymaths.co.uk/workout.php?workoutID=62 		
Calculate percentage of an amount	<ul style="list-style-type: none"> Notes P12 http://www.math-drills.com/percentsworksheets/percents_calculate_part_selectpercents_regular_decimals_all.pdf 		
Calculate fraction of an amount	<ul style="list-style-type: none"> Notes P11 http://www.bbc.co.uk/education/guides/zqhk7ty/revision http://studymaths.co.uk/workout.php?workoutID=22 		
Change between top heavy and mixed fractions ie $3\frac{4}{5} = \frac{19}{5}$	<ul style="list-style-type: none"> Notes P 16 http://www.bbc.co.uk/education/guides/zqhk7ty/revision/6 http://www.math-drills.com/fractions/simplify_improper_fractions_hard_all.pdf http://www.math-drills.com/fractions/fractions_convert_mixed_to_improper_all.pdf http://www.math-drills.com/fractions/simplify_fractions_hard_all.pdf 		
Add and subtract fractions	<ul style="list-style-type: none"> Notes P 16 http://www.bbc.co.uk/education/guides/zqhk7ty/revision/5 http://www.math-drills.com/fractions/fractions_addsub_mixed_easy_all.pdf http://studymaths.co.uk/workout.php?workoutID=28 		
Multiply and divide fractions	<ul style="list-style-type: none"> http://www.math-drills.com/fractions/fractions_multdiv_mixed_all.pdf 		
Calculate compound percentage increase and decrease	<ul style="list-style-type: none"> Notes P 14 http://www.math-drills.com/percentsworksheets/percents_increase_decrease_decimal_allpercents_001.pdf 		
Express a quantity as a percentage of another quantity	<ul style="list-style-type: none"> Notes P 13 http://www.math-drills.com/percentsworksheets/percents_calculate_rate_selectpercents_regular_wholenumbers_all.pdf 		
Convert between fractions, decimals and percentages	<ul style="list-style-type: none"> http://www.math-drills.com/decimal/convert_fractions_decimals_percents_ratios_001.pdf http://studymaths.co.uk/workout.php?workoutID=80 		
Calculate speed, distance and time including with fractions	<ul style="list-style-type: none"> Notes P 18 – 19 http://www.bbc.co.uk/education/guides/z2ndmp3/revision 		

Calculate volume of cylinder, cuboid, cube and triangular prism	<ul style="list-style-type: none"> • Notes P 17 • http://www.bbc.co.uk/education/guides/zmndmp3/revision • http://studymaths.co.uk/workout.php?workoutID=69 • http://studymaths.co.uk/workout.php?workoutID=58 		
Calculate area of square, rectangle, triangle, circles, semi-circles and composite shapes	<ul style="list-style-type: none"> • Notes P 17 • http://www.bbc.co.uk/education/guides/z2p82hv/revision/3 • http://studymaths.co.uk/workout.php?workoutID=64 • http://studymaths.co.uk/workout.php?workoutID=66 • http://studymaths.co.uk/workout.php?workoutID=45 		
Calculate perimeter of circles and composite shapes	<ul style="list-style-type: none"> • http://www.bbc.co.uk/education/guides/z2p82hv/revision • http://studymaths.co.uk/workout.php?workoutID=65 • http://studymaths.co.uk/workout.php?workoutID=46 		
Calculate ratio including dimensions from scale drawings	<ul style="list-style-type: none"> • Note P 21 		
Calculate direct and indirect proportion	<ul style="list-style-type: none"> • Notes P 19 		
Record measurements on a scale of an instrument ie thermometer, weighing scales	<ul style="list-style-type: none"> • Notes P 20 <ul style="list-style-type: none"> • http://worksheetgenius.com/your_worksheet.php?worksheet=thermometer&WorksheetTitle=Thermometers&QuestionCount=9&Temp=0-100&ScaleLow=0&ScaleHigh=100&Inc=10&MInc=20&LabelAll=false&Scale=C&Activity=write • http://www.math-salamanders.com/image-files/2nd-grade-math-worksheets-reading-scales-2b.gif 		
Construct and read from a table with at least 5 categories	<ul style="list-style-type: none"> • http://www.bbc.co.uk/education/guides/zb8sgk7/revision/2 		
Construct and read a comparative/compound bar chart	<ul style="list-style-type: none"> • See your teacher 		
Construct and read from a stem and leaf diagram	<ul style="list-style-type: none"> • Notes P 26 • http://www.bbc.co.uk/bitesize/ks3/maths/handling_data/collecting_recording/revision/8/ <ul style="list-style-type: none"> • http://www.mathsmadeeasy.myzen.co.uk/gcse-maths-revision-papers/grade-d/49_stem-and-leaf2.pdf 		
Construct and read from a pie chart	<ul style="list-style-type: none"> • Notes P 25 • http://www.bbc.co.uk/education/guides/zb8sgk7/revision/2 • http://www.bbc.co.uk/education/guides/zb8sgk7/revision/3 • http://studymaths.co.uk/workout.php?workoutID=142 		
Construct and read from a scatter graph	<ul style="list-style-type: none"> • http://www.bbc.co.uk/education/guides/zb8sgk7/revision/7 <ul style="list-style-type: none"> • http://www.knightswoodsecondary.org.uk/personal/Resources/Hillhead/General_Worksheets/Scattergraphs.pdf 		
State the probability of an event happening	<ul style="list-style-type: none"> • Notes P 24 • http://www.bbc.co.uk/education/guides/z4q39j6/revision • http://studymaths.co.uk/workout.php?workoutID=132 		
Compare the probability of events happening using decimals, percentages and ratio	<ul style="list-style-type: none"> • Notes P 25 • http://www.bbc.co.uk/education/guides/z4q39j6/revision • http://studymaths.co.uk/workout.php?workoutID=55 		

Key: “Int 2” means Maths in Action Intermediate 2 Textbook (green and orange cover)
“MIA” means Maths in Action National 5 Lifeskills Textbook (green cover with pencils)
“Notes” means National 5 Lifeskills notes on Wikispace.